

**Coating device with a rotary atomizer and method to control its operation**

**Abstract**

In a coating device with a rotary atomizer, for preventing the condensation of spray cabin air on components cooled by the lower-pressure exhaust air of the drive turbine of the atomizer, a heating device is provided, which can heat air flowing through the atomizer or components in heat-conductive contact with the outlet path of the turbine exhaust air.

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ROTATIONAL ATOMIZER  
WITH EXTERNAL HEATING  
SYSTEM FOR TURBINE AIR  
A SYSTEM TO ELIMINATE CONDENSATION  
ON TURBINE BY USE OF EXTERNAL TURBINE AIR  
HEATING SYSTEM]